AMITY UNIVERSITY

——————UTTAR PRADESH——————

Domain of Engineering & Technology

Amity School of Engineering and Technology

Minor Project

WEEKLY PROGRESS REPORT (WPR)

For the week commencing on: 14-11-2022 (16th week)

Program: B.Tech. (AI)	Student Name: Divvela Vishnu Sai Kumar
WPR: 16	Enrollment Number: A076119819005

Company Name (if any)   : ASET, LUCKNOW
Faculty Guide's Name   : DR. SHEENU RIZVI
Project / Seminar Title   : FACE RECOGNITION USING TENSORFLOW

TARGETS SET FOR THE WEEK:

- Study about how to use the saved model and tried to use this model in an desktop app.

- Study about how to apply custom keras submodelling to create our model which works same as Siamese model.

ACHIEVEMENTS FOR THE WEEK:

- Studied about how to make an desktop app using kivi package and opencv to take an input image and if is verified it will print verified otherwise it will print not verified.

- Studied about how to implement subclassing, custom model fit, custom training loop, custom callbacks, data augmentation and normalization using tensorflow.

FUTURE WORK PLANS:

- Will try practical implement of various DL usecases under the guidance of faculty guide.

- By actually performing things I will have a better understanding of things and it will enhance my knowledge which is very essential before working on the actual project.